

Application No.: 10/016599

Docket No.: SMQ-066/P5901

REMARKS

Claims 1-20 were presented for examination. Specification, title and the drawings are objected. Claim 20 is objected. Claims 1-20 are rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1-20 are rejected under 35 U.S.C. §101 as directed to non-statutory subject matter. Claims 1-20 are further rejected under 35 U.S.C. §102(a) as being anticipated by the Jato API (hereinafter "JATO") disclosed by Andy Krumel in "Jato: The new kid on the open source block, Part 1) (hereinafter "JATO_One"), "Jato: The new kid on the open source block, Part 2" (hereinafter "JATO_Two"), and "Jato: The new kid on the open source block, Part 3" (hereinafter "JATO_Three"). Applicant respectfully traverses these objects and rejections. Upon entry of this amendment, claims 1-2, 4-6, 8-10, 12-16, and 19-20 are amended, and claim 7 is canceled. No new matter is added. Claims 1-6, 8-20 are presented for examination.

Objection to the Specification

The specification has been amended to correct the use of trademarks. The title has been amended to eliminate the use of trademark in the title of the present application. Applicant respectfully submits that objection to the specification and the title have been overcome in view of the amendments.

Objection to the Drawings

The drawings are objected to as failing to comply with 37 CFR 1.84(p) (5) because they include the following reference character(s) not mentioned in the description: "70" in Fig. 3. The specification has been amended to add the reference character in the description. Applicant respectfully submits that objection to the drawings has been overcome in view of the amendment to the specification.

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Claim Objections

Claim 20 is objected to because of the following informalities: "he" in line 1 should read "The". Applicant has amended claim 20 as suggested by the Examiner. Applicant respectfully submits that the claim objection has been overcome.

Claim Rejections of 1-20 under 35 U.S.C. §112

Claims 1-20 have been amended to eliminate the use of trademark name JAVA. Applicant respectfully submits that in view of the amendment, the claim rejections of 1-20 under 35 U.S.C. §112 have been overcome.

Claim Rejections of 1-20 under 35 U.S.C. §101

Independent claims 1 and 16 have been amended to define a statutory process and the references to an electronic device have been removed. Claim 7 has been cancelled. Independent claim 9 has been amended to clarify that the instructions are computer executable instructions. In view of these amendments, Applicant respectfully submits that the rejections of claims 1-20 under 35 U.S.C. §101 have been overcome.

Claim Rejections of claims 1-20 under 35 U.S.C. §102(a)

Claims 1-20 are rejected as being anticipated by JATO, of which claims 1, 9, and 16 are independent. Claim 7 is canceled. Applicant respectfully submits that JATO does not disclose each and every limitation of amended claims 1-6, and 8-20.

Independent claim 1, 9, and 16, as amended, recite the limitation of providing a base object class that includes at least one method for converting between object-oriented programming language objects and XML data objects, wherein said at least one method determines the steps needed to perform the conversion and performs the conversion. Applicant respectfully submits that JATO does not disclose this limitation.

On page 1 of JATO_One, JATO is described as an open-source Java API and XML language for transforming XML documents into a set of Java objects and back again.

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Additionally, Jato scripts are used to describe the operations to perform and leave the algorithms for implementing the operations to an interpreter. Furthermore, on page 2 of JATO_One, Jato scripts are read at runtime and employs reflection and JDOM to transform between Java and XML. In the Jato architecture in JATO_One, Jato script is explained to be XML that expresses how to process XML and Java and generate desired output.

On page 6 of JATO_One, the transformation between Java and XML are further described with respect to the script. The script is described as the heart of all transformations. Furthermore, how the script works is explained as well. The scripts tells a Jato interpreter to get objects from a helper class, and for each object, a series of operations are done to convert a Java object to XML script.

Therefore, JATO relies on the Jato script to interpret the operations needed to perform transformation between Java and XML. As defined, Jato script is written in XML. Accordingly, JATO does not disclose the limitation of providing a base object class that includes at least one method for converting between object-oriented programming language objects and XML data objects, wherein said at least one method determines the steps needed to perform the conversion and performs the conversion, as required by independent claims 1, 9, and 16.

As set forth above, Applicant respectfully submits that JATO does not disclose each and every limitation of independent claims 1, 9, and 16. Accordingly, Applicant respectfully requests the Examiner reconsider and withdraw the rejections of claims 1, 9, and 16 and their corresponding dependent claims 2-6, 8, 10-15, and 17-20.

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CONCLUSION

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Applicant believes no fee is due with this statement. However, if a fee is due, please charge our Deposit Account No. 12-0080, under Order No. SMQ-066 from which the undersigned is authorized to draw.

Dated: February 18, 2005

Respectfully submitted,

By 

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